

FIG. 1.
(PRIOR ART)

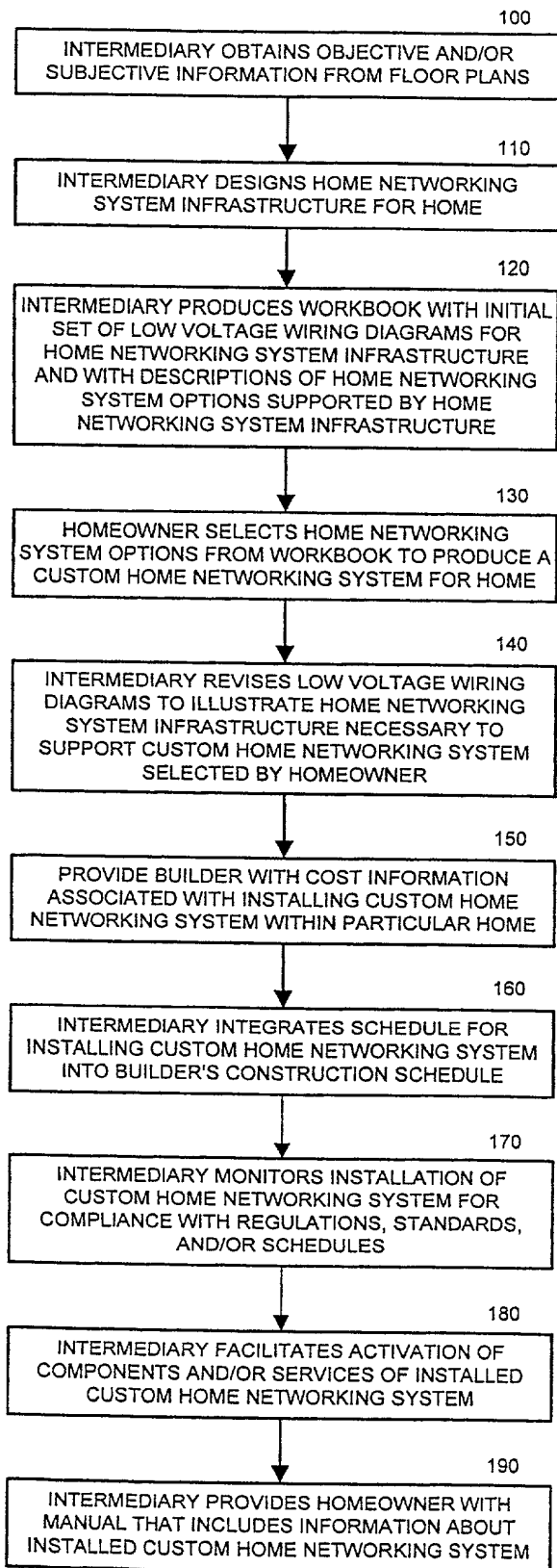


FIG. 2A

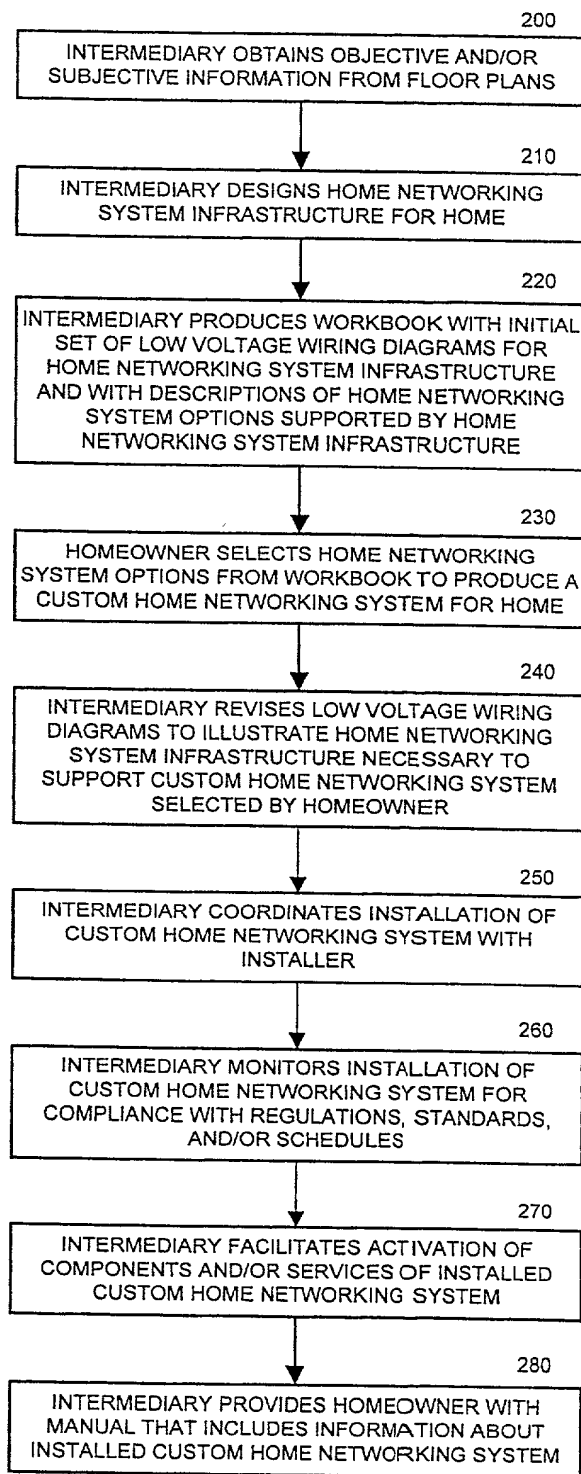


FIG. 2B

Assumptions

Builder - Development Name _____

Plan or Blueprint # _____

| Home Security Mult. Factor | | |
|----------------------------|----|--|
| Percent of Base Model | 5% | |

| Wire Numbering Chart Factors | | |
|------------------------------|-------|----|
| Square Feet | 2,781 | 75 |
| Number of Floors | 1 | |
| DMARC Wire Mult. Factor | 1 | |

<-- (Use 2 when an MDU)

| Universal | | |
|-------------------------------|---|--|
| MBR, BR, FAM (Den, Loft, etc) | 5 | |

| Security Locations for Perimeter | | |
|----------------------------------|----|-------|
| | DI | Basic |
| Doors - 22/2 Blue | 5 | 5 |
| Windows - 22/2 White | 20 | 0 |
| Keypads - 22/4 Blue | 3 | 1 |
| PIR - 22/4 White | 2 | 1 |
| Sirens - 22/4 Yellow | 2 | 1 |

| Fire Safety Package | | |
|----------------------|----|-------|
| | DI | Basic |
| Smoke/Heat Detectors | 1 | 0 |
| Heat Detector | 3 | 0 |
| Sprinkler Interface | 1 | 0 |

| TV - Single or Dual Coax? Enter 1 or 2 | | |
|--|---|--|
| Single or Dual Coax | 1 | |

<-- (Use 2 in Dual Cable area)

| Audio Zones | | |
|------------------------|---|--|
| Number of Audio Zones | 2 | |
| Number of A/B Switches | 1 | |

| Surround Sound Locations | | |
|--------------------------|---|--|
| Number of Locations | 1 | |

| Thermostats | | |
|---------------------|---|--|
| Number of Locations | 2 | |

| Central Vacuum/Wall Inlets | | |
|----------------------------|-----|--|
| Inlets per Square Feet | 600 | |
| Number of Wall Inlets | 5 | |

<-- (Rounded Up)

| Circulator Control System | | |
|------------------------------|---|--|
| Number of Pre-wire Locations | 3 | |
| Number of CT-1000 | 1 | |

| Gate Control | | |
|--------------------------|-----|--|
| Distance to Gate in Feet | 200 | |

| Conduit (Smurf Tube) from NCC to Attic | | |
|--|---|------|
| Number of Runs | 0 | 37.5 |

| Labor Factor | | |
|---------------------------------|------|--|
| Labor Multiplier Retro, Remodel | 1.00 | |

<-- (1.00 if New Construction)

| MDU | | |
|-------------------------------|---|--|
| Building Distribution System? | 0 | |
| Number of Buildings | 0 | |
| Number of Units | 0 | |

<-- (1=Yes, 0=No)

103510 21201000

FIG. 3

15

SECTION CH204800

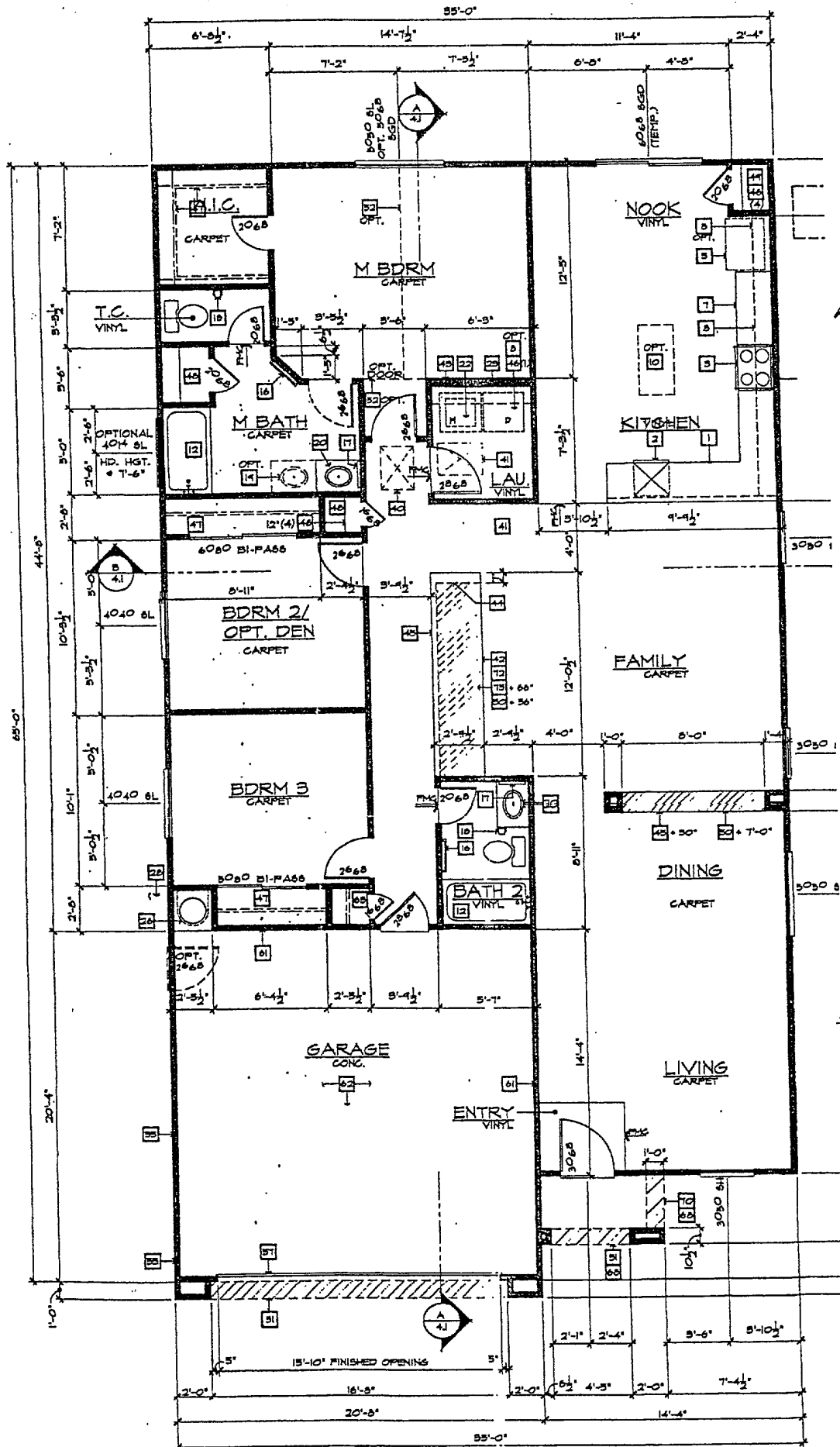


FIG. 4

The floor plan shows a house with the following rooms and features:

- Master Bedroom:** Located at the top left, containing a star symbol (24), a closet (26), and a door (28). It has security devices: U, B, IC, P, and IC.
- Master Bath:** Located below the Master Bedroom, containing a toilet, sink, and shower. It has security devices: IC, VC, and AB.
- Laundry:** Located between the Master Bath and the Kitchen, containing a washing machine and dryer. It has security devices: KP, VC, and AB.
- Kitchen:** Located at the top right, containing a sink, stove, and refrigerator. It has security devices: IC, P, and PIR.
- Nook:** Located between the Kitchen and the Family Room, containing a table and chairs. It has security devices: IC, TV, and SC.
- Family Room:** Located in the middle right, containing a fireplace and a television. It has security devices: RR, SUB, and LR.
- Bedroom 2:** Located in the middle left, containing a bed. It has security devices: P, U, and SIR.
- Bedroom 3:** Located below Bedroom 2, containing a bed. It has security devices: P, U, and LF.
- Bath 2:** Located below Bedroom 3, containing a toilet, sink, and shower. It has security devices: KP, PIR, and U.
- Living Room:** Located at the bottom right, containing a fireplace and a television. It has security devices: IC, IC, and IC.
- Dining Room:** Located between the Kitchen and the Living Room, containing a table and chairs. It has security devices: IC, IC, and IC.
- Entry:** Located at the bottom center, containing a door and a closet. It has security devices: VC, KP, DP, and SC.
- Garage:** Located at the bottom left, containing a car. It has security devices: 36 and 37.

Handwritten annotations include:














- 24: Star symbol in the Master Bedroom.
- 26: Closet in the Master Bedroom.
- 28: Door in the Master Bedroom.
- 29: Master Bath.
- 30: Kitchen.
- 31: Nook.
- 32: Bedroom 2.
- 33: Bedroom 3.
- 34: Family Room.
- 36: Garage.
- 37: Bedroom 3.
- 38: Dining Room.
- 40: Living Room.

FIG. 5

0540 2404300




























Communication

F16-6A

| | | | | | | | |
|---|---|---|------------------|---|---|---|------------|
|  | Distribution Center | | | | | | |
|  |  |  | Phone Jack |  |  |  | TV Jack |
|  |  |  | Universal Outlet |  |  |  | Door Phone |














































Security

F16-6B

| | | | | | | | |
|---|---|---|-----------------|--|--|--|-----------------|
|  |  |  | Keypad |  |  |  | 4-Button Switch |
|  |  |  | Motion Detector |  |  |  | Dimmer Switch |
|  |  |  | Camera |  |  |  | Light Switch |
|  |  |  | Siren |  |  |  | IR Reciever |
| | | | |  |  |  | Thermostat |

Entertainment

F16-6C

| | | | | | | | |
|---|---|---|--------------------|---|---|---|---------------------|
|  |  |  | Volume Control |  |  |  | Left Front Speaker |
|  |  |  | In-Ceiling Speaker |  |  |  | Right Front Speaker |
|  |  |  | In-Wall Speaker |  |  |  | Center Channel |
|  |  |  | Outdoor Speaker |  |  |  | Left Rear Speaker |
|  |  |  | Audio Head End |  |  |  | Right Rear Speaker |
|  |  |  | B-Channel Input |  |  |  | Subwoofer Jack |
|  |  |  | A/B Switch |  |  |  | Speaker Jack |
|  |  |  | Speaker Jack | | | | |